L Number	Hits	Search Text	DB	Time stamp	
-	1074	(398/20, 32, 33, 23, 24, 195, 154, 155, 158, 162, 19	7US9AT206.20	92.000.33MQ.9E.CZ.25.	
	10,1	(330, 20, 32, 33, 23, 21, 130, 101, 100, 100, 102, 11	US-PGPUB;	13:22	
			EPO; JPO;	. 1	
			DERWENT;		
			IBM TDB		
_	35761	(PLL or (phase with lock\$2 with loop))	USPAT;	2003/09/22	
		and clock	US-PGPUB;	12:07	
			EPO; JPO;	1	
			DERWENT;		
		•	IBM TDB		
	172088	power and clock	USPAT;	2003/09/22	
		F	US-PGPUB;	12:07	
'			EPO; JPO;		
			DERWENT;		
			IBM TDB		
	1058333	transmit\$4 and receiv\$3	USPAT;	2003/09/22	
			US-PGPUB;	14:19	
			EPO; JPO;		
		•	DERWENT;		
			IBM TDB	·	
_	72	((398/20,32,33,23,24,195,154,155,158,162,		0290023L2019.6222L5.)	
	, -	and ((PLL or (phase with lock\$2 with	US-PGPUB;	12:09	
		loop)) and clock) and (power and clock)	EPO; JPO;		
		and (transmit\$4 and receiv\$3)	DERWENT;		
		dia (cranomico) and recorrys,	IBM TDB		
_	1493101	optical	USPAT;	2003/09/22	
	1133101	Optical	US-PGPUB;	12:09	
			EPO; JPO;	22.05	
			DERWENT;		
			IBM TDB		
	1008772	fiber\$1 or fibre\$1	USPAT;	2003/09/22	
	1090772		US-PGPUB;	12:09	
			EPO; JPO;	.	
	1		DERWENT;		
	1		IBM TDB		
	66	(((398/20,32,33,23,24,195,154,155,158,162		277707 22/1780 / 2777 5 \	
-	66		US-PGPUB;	12:27	
		and ((PLL or (phase with lock\$2 with loop)) and clock) and (power and clock)	EPO; JPO;	12.27	
		and (transmit\$4 and receiv\$3)) and	DERWENT;		
			IBM TDB		
	461001	optical and (fiber\$1 or fibre\$1)	USPAT;	2003/09/22	
	461091	clock	US-PGPUB;	12:28	
			1	12.20	
			EPO; JPO;		
	1		DERWENT;		
	0.0	//200/20.20 22 22 24 105 154 155 150 162	IBM_TDB	am an an a serve	
-	86				
		and ((PLL or (phase with lock\$2 with	US-PGPUB;	12:29	
		loop)) and clock) and (transmit\$4 and	EPO; JPO;		
		receiv\$3) and optical and (fiber\$1 or	DERWENT;		
		fibre\$1)	IBM TDB	commo an Acon / comma a .)	
-	20	(((398/20,32,33,23,24,195,154,155,158,162			
		and ((PLL or (phase with lock\$2 with	US-PGPUB;	12:29	
		loop)) and clock) and (transmit\$4 and	EPO; JPO;		
	,	receiv\$3) and optical and (fiber\$1 or	DERWENT;		
		fibre\$1)) not	IBM_TDB		
		((((398/20,32,33,23,24,195,154,155,158,16	2, 197, 198, 206	,209,213).CCLS.)	
		and ((PLL or (phase with lock\$2 with)		
_	1366	1306/20and, 33028) 24nd95pdwer15nd1580462, 2			CLS.
		and (transmit\$4 and receiv\$3)) and	US-PGPUB;	14:18	
	ļ	optical and (fiber\$1 or fibre\$1))	EPO; JPO;		
	-		DERWENT;		
			IBM_TDB		_
-	1152	((398/20, 32, 33, 23, 24, 195, 154, 155, 158, 162,			.ccls.
		and (fiber\$1 or fibre\$1)	US-PGPUB;	14:18	
			EPO; JPO;		
			DERWENT;		
			IBM TDB		

-	465	(((398/20,32,33,23,24,195,154,155,158,162,			.CCLS.
		and (fiber\$1 or fibre\$1)) and clock	US-PGPUB;	14:19	
:			EPO; JPO;	·	
			DERWENT; IBM TDB		
_	4383915	transmit\$4 or receiv\$3	USPAT;	2003/09/22	
_	4303913	CLANSHICT4 OI LEGELV42	US-PGPUB;	14:19	
		·	EPO; JPO;	1	
			DERWENT;		
			IBM_TDB		
-	460	((((398/20,32,33,23,24,195,154,155,158,162).CCLS
		<pre>and (fiber\$1 or fibre\$1)) and clock) and (transmit\$4 or receiv\$3)</pre>	US-PGPUB; EPO; JPO;	16:43	
		(Clansmitty of Teceivys)	DERWENT;		
			IBM TDB		
-	456	optical and	USPĀT;	2003/09/22	
		(((((398/20,32,33,23,24,195,154,155,158,16		51,4752,091,27,26,34,	35).CCL
		and (fiber\$1 or fibre\$1)) and clock) and	EPO; JPO;		
		(transmit\$4 or receiv\$3))	DERWENT;		
	373	(optical and	<pre>IBM_TDB USPAT;</pre>	2003/09/22	
	3,3	(((((398/20,32,33,23,24,195,154,155,158,16			35).CCL
		and (fiber\$1 or fibre\$1)) and clock) and	EPO; JPO;		•
		(transmit\$4 or receiv\$3))) not	DERWENT;		
1		(((398/20,32,33,23,24,195,154,155,158,162,	р яви<u>1</u>яв в206,	209,213).CCLS.)	
	100	and ((PLL or (phase with lock\$2 with Ioopticamdandock) and (transmit\$4 and	USPAT;	2003/09/22	
_	182	100pffcamdanmock) and (transmitt) and 160pffcamdanmock) and (transmitt) and 160pffcamd95f156r\$550158,16			35).CCL
		ambre\$1per\$1 or fibre\$1)) and clock) and	EPO; JPO;	0,2,2,2,2,7,2,7,7,7,7,7,7,7,7,7,7,7,7,7,	,
		(transmit\$4 or receiv\$3))) not	DERWENT;		
		(((398/20,32,33,23,24,195,154,155,158,162,	1 9BM<u>1</u>9B B206,	209,213).CCLS.)	
	_	and ((PLL or (phase with lock\$2 with		2002/00/22	
-	8	Idopptiend endck) and (transmit\$4 and teteig98/28nd2op8i2al24nd95f1ber\$550t58,16	USPAT;	2003/09/22	35) CCT.
		fecetass/Sandr(pabme\$el)omndecleck) and	EPO; JPO;	34,434,01,21,20,34,1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		(transmit\$4 or receiv\$3))) not	DERWENT;		
•		(((398/20,32,33,23,24,195,154,155,158,162,	1 9BM<u>1</u>9B B206,	209,213).CCLS.)	
		and ((PLL or (phase with lock\$2 with	_		
		loop)) and clock) and (transmit\$4 and	***	2002/00/22	
-	174	recept\$3alanddoptical and (fiber\$1 or fibre\$98/20and, 3pa2al2el105, 354ia55)15nd16	USPAT;	2003/09/22	351 CCT.
		448LLfobet9hase wibhe\$bok\$2ndichockoppand	EPO; JPO;	3,0,0,0,0,1,2,1,2,0,3,1,	,,,,,,,,,
		andansmck\$4 or receiv\$3))) not	DERWENT;		
		(((398/20,32,33,23,24,195,154,155,158,162,	19BM <u>1</u> 9BB206,	209,213).CCLS.)	
		and ((PLL or (phase with lock\$2 with			
		loop)) and clock) and (transmit\$4 and			
		receiv\$3) and optical and (fiber\$1 or fibre\$1))) and (parallel or serial)) not]	·	
	1	((((optical and			
		(((((398/20,32,33,23,24,195,154,155,158,16	2,209,154-15	5,75,91,27,26,34,	35).CCL
		and (fiber\$1 or fibre\$1)) and clock) and			
-	2	(世6a自3而7B\$4. BM. receiv\$3))) not	USPAT;	2003/09/22	
		(((398/20,32,33,23,24,195,154,155,158,162,		ZDB:,ZZI3).CCLS.)	
		and ((PLL or (phase with lock\$2 with loop)) and clock) and (transmit\$4 and	EPO; JPO; DERWENT;		ļ
		receiv\$3) and optical and (fiber\$1 or	IBM TDB		ì
-	2	ffbbe9994%) and optical and (riservi or ffbbe9994%) and	USPAT;	2003/09/22	
		((PLL or (phase with lock\$2 with loop))	US-PGPUB;	17:28	
		and clock))	EPO; JPO;		
			DERWENT;		
		208/33 23 24 105 154 155 158 162 200	IBM_TDB USPAT;	2003/09/25	
-	0	398/33,23,24,195,154,155,158,162,209	US-PGPUB;	16:43	
			EPO; JPO;		
			DERWENT;		
			IBM_TDB	/	
-	844	(398/33,23,24,195,154,155,158,162,209).CCI		2003/09/25	İ
			US-PGPUB; EPO; JPO;	16:45	
			DERWENT;		
			IBM TDB	ļ	
L	1	I		 	•

-	422	((398/33,23,24,195,154,155,158,162,209).CC	LBSPAT;	2003/09/25
		and clock\$1	US-PGPUB;	16:46
			EPO; JPO;	·
			DERWENT;	
			IBM TDB	
-	411	(((398/33,23,24,195,154,155,158,162,209).c	CUSPĀT;	2003/09/25
		and clock\$1) and optical	US-PGPUB;	16:46
· .		•	EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	1060648	transmit\$4 and receiv\$3	USPAT;	2003/09/25
		j j	US-PGPUB;	16:47
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	411	(((398/33,23,24,195,154,155,158,162,209).c	CUSPAT;	2003/09/25
		and clock\$1) and	US-PGPUB;	16:47
		((((398/33,23,24,195,154,155,158,162,209).	CEBO;)JPO;	
		and clock\$1) and optical)	DERWENT;	
			IBM TDB	
_	367	((((398/33,23,24,195,154,155,158,162,209).		2003/09/25
		and clock\$1) and optical) and (transmit\$4	US-PGPUB;	16:48
		and receiv\$3)	EPO; JPO;	
	i		DERWENT;	
			IBM TDB	'
	2403818	serial\$4 or parallel	USPAT;	2003/09/25
	2103010	bollary. Of parallor	US-PGPUB;	18:02
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
1_	204	(((((398/33,23,24,195,154,155,158,162,209)		2003/09/25
	204	and clock\$1) and optical) and (transmit\$4	US-PGPUB;	17:32
		and receiv\$3)) and (serial\$4 or parallel)	EPO; JPO;	17.32
		and receives, and (scriary or pararrer)	DERWENT;	
			IBM TDB	
	17	4267590.URPN.	USPAT	2003/09/25
	- '	4207330.0KIN.	002111	16:52
_	4288	(first adj fiber\$1) and (second adj	USPAT;	2003/09/25
	4200	fiber\$1)	US-PGPUB;	17:32
	1	IIDCIVI/	EPO; JPO;	1,102
			DERWENT;	
			IBM TDB	
_	3047	((first adj fiber\$1) and (second adj	USPAT;	2003/09/25
	3047	fiber\$1)) and optical	US-PGPUB;	17:32
		IIDOIQIII and Opercal	EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	840	(((first adj fiber\$1) and (second adj	USPAT;	2003/09/25
		fiber\$1)) and optical) and (error or	US-PGPUB;	17:33
		fault)	EPO; JPO;	
		14410/	DERWENT;	
			IBM TDB	
_	673	(transmit\$4 and receiv\$3) and (((first	USPAT;	2003/09/25
	0,3	adj fiber\$1) and (second adj fiber\$1))	US-PGPUB;	17:33
		and optical) and (error or fault))	EPO; JPO;	
		and opercury and (criot of faure)	DERWENT;	
			IBM TDB	
_	0	398/33,23,24,195,154,155,158,162,209 and	USPAT;	2003/09/26
		(((transmit\$4 and receiv\$3) and (((first	US-PGPUB;	10:26
		adj fiber\$1) and (second adj fiber\$1))	EPO; JPO;	
		and optical) and (error or fault))) and	DERWENT;	
		(serial\$4 or parallel))	IBM TDB	
-	450		USPAT;	2003/09/25
		adj fiber\$1) and (second adj fiber\$1))	US-PGPUB;	17:33
		and optical) and (error or fault))) and	EPO; JPO;	
		(serial\$4 or parallel)	DERWENT;	
		\	IBM TDB	
	J	I		J

_	47342	serial\$4 near2 parallel	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/09/25 18:02
-	569	(serial\$4 near2 parallel) and (optical adj (transmitter\$1 or receiver\$1))	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/09/25 18:02
_	392		DERWENT; IBM_TDB USPAT;	2003/09/25
		<pre>adj (transmitter\$1 or receiver\$1))) and clock</pre>	US-PGPUB; EPO; JPO; DERWENT; IBM TDB	18:02
_	73	(((serial\$4 near2 parallel) and (optical adj (transmitter\$1 or receiver\$1))) and clock) and ("PLL" or (phase adj lock adj loop\$1) or (phase with lock with loop\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/09/25 18:03
-	2	adj (transmitter\$1 or receiver\$1))) and clock) and ("PLL" or (phase adj lock adj loop\$1) or (phase with lock with loop\$1))) and (first adj fiber\$1) and	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/26 08:15
_	66	("5400360") or ("5544319") or ("4715028") or ("5136410") or ("5706112") or ("4979185") or ("4225752") or ("4554673")	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/12/03 12:04
		or ("5812295") or ("5898512") or ("5999570") or ("6583903") or ("6433904") or ("6166839") or ("4694504") or ("5255111") or ("5299044") or ("5459607") or ("5541759") or ("5561542") or ("5673130") or ("5717510") or ("5999570")	IBM_TDB	
		or ("4586186") or ("6498670") or ("6201909") or ("4473901") or ("4631718") or ("5267068") or ("5473636") or ("5187605") or ("5541759") or ("6411408")).PN.		
<u>'</u> -	22	(("5793510") or ("5710650") or ("5136410") or ("4979185") or ("6583903") or ("6433904") or ("5561542") or ("5999570") or ("5706112") or ("4201909")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/09/26
-	15	("4833668" "4856093" "4989200" "5124828" "5191462" "5311346" "5473457" "5793511" "5905585" "5926297" "5930414" "5936753" "6295272" "6339489" "6396606").PN.	USPAT	2003/09/26 08:40
-	2,9	("4694471" "4995101" "5018142" "5311346" "5504609" "5532864" "5557439" "5602669" "5671156" "5680238" "5696615" "5712932"	USPAT	2003/09/26 08:44
		"5715076" "5726784" "5745582" "5784184" "5798855" "5808760" "5808766" "5938309" "5940439" "5969840" "6031644" "6040933" "6115157" "6181450" "6185022" "6226296" "6233077").PN.		
-	11	"5430139" "5355133" "5357284" "5400023" "5432799" "5438590" "5537422" "5546190" "5602669" "5646966" "5745582").PN	USPAT	2003/09/26 08:49
-	5	5793510.URPN.	USPAT	2003/09/26
	10	("4064360" "4123624" "4637011" "4908823" "4947406" "4977582" "5612953" "5715274" "5761253" "5793510").PN.	USPAT	2003/09/26 08:52
L	<u> </u>	373310 7.114.		L

-	2	("5162937" "5224183").PN.	USPAT	2003/09/26 08:54
	5	5710650.URPN.	USPAT	2003/09/26 08:55
-	3	("5291326" "5500756" "5539557").PN.	USPAT	2003/09/26 08:56
-	. 5	("4957340" "5043981" "5161153"	USPAT	2003/09/26 08:57
	3	"5367396" "5404241").PN. ("4797556" "4899043" "4994675").PN.	USPAT	2003/09/26 08:58
-	12	5136410.URPN.	USPAT	2003/09/26
-	4	(("5898512") or ("5018142")).PN.	USPAT; US-PGPUB;	2003/09/26 09:04
	·		EPO; JPO; DERWENT;	
-	5	("4957340" "5043981" "5161153"	IBM_TDB USPAT	2003/09/26 10:24
-	844	"5367396" "5404241").PN. 398/33,23,24,195,154,155,158,162,209.ccls.	USPAT; US-PGPUB;	2003/09/26 10:26
			EPO; JPO; DERWENT; IBM TDB	10.20
	91	398/33,23,24,195,154,155,158,162,209.ccls. and (parallel with serial\$4)	USPĀT; US-PGPUB; EPO; JPO;	2003/09/26 10:26
			DERWENT; IBM_TDB	
_	73	(398/33,23,24,195,154,155,158,162,209.ccls and (parallel with serial\$4)) and clock	.USPAT; US-PGPUB; EPO; JPO;	2003/09/26 10:47
			DERWENT; IBM TDB	
-	44705	transmission with loss	USPĀT; US-PGPUB;	2003/09/26 10:48
			EPO; JPO; DERWENT; IBM TDB	
-	651941	compensat\$3	USPAT; US-PGPUB;	2003/09/26 10:48
	•		EPO; JPO; DERWENT; IBM TDB	
_	9737	(transmission with loss) and compensat\$3	USPAT; US-PGPUB;	2003/09/26
		,	EPO; JPO; DERWENT; IBM TDB	
-	4288	(first adj fiber\$1) and (second adj fiber\$1)	USPAT; US-PGPUB;	2003/09/26 10:48
			EPO; JPO; DERWENT; IBM TDB	
_	185	((transmission with loss) and compensat\$3) and ((first adj fiber\$1) and (second adj fiber\$1))	USPĀT; US-PGPUB; EPO; JPO;	2003/09/26 10:48
		(second ad) liberall)	DERWENT; IBM_TDB	
-	4870	((transmission with loss) and compensat\$3) and optical	USPAT; US-PGPUB; EPO; JPO;	2003/09/26
			DERWENT; IBM_TDB	0000 (00 (05
	174919	serial\$3 and parallel	USPAT; US-PGPUB; EPO; JPO;	2003/09/26
			DERWENT; IBM_TDB	

_	1385	((transmission with loss) and	USPAT;	2003/09/26
		compensat\$3) and (serial\$3 and parallel)	US-PGPUB;	10:49
	,		EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	461769	clock	USPAT;	2003/09/26
			US-PGPUB;	10:49
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	689	(((transmission with loss) and	USPAT;	2003/09/26
	.	compensat\$3) and (serial\$3 and parallel))	US-PGPUB;	10:50
		and clock	EPO; JPO;	
			DERWENT;	
	1.0	///bushamisasism saish lang) and	IBM_TDB USPAT;	2003/09/26
_	18	(((transmission with loss) and	US-PGPUB;	10:51
		compensat\$3) and ((first adj fiber\$1) and	EPO; JPO;	10.51
		(second adj fiber\$1))) and clock	DERWENT;	
	1		IBM TDB	
	4870	((transmission with loss) and	USPAT;	2003/09/26
-	40/0	compensat\$3) and optical	US-PGPUB;	10:53
		compensacys/ and opercar	EPO; JPO;	• • •
			DERWENT;	
			IBM TDB	
_	821	(((transmission with loss) and	USPAT;	2003/09/26
	021	compensat\$3) and optical) and clock	US-PGPUB;	10:54
		Componibacy of and operous, and estimate	EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	768	((((transmission with loss) and	USPAT;	2003/09/26
		compensat\$3) and optical) and clock) and	US-PGPUB;	10:55
		(transmit\$4 and receiv\$3)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	304	(serial\$3 and parallel) and	USPAT;	2003/09/26
		(((((transmission with loss) and	US-PGPUB;	11:15
		compensat\$3) and optical) and clock) and	EPO; JPO;	
		(transmit\$4 and receiv\$3))	DERWENT;	
			IBM_TDB	
-	228377	(error or fault) with detect\$3	USPAT;	2003/09/26
			US-PGPUB;	11:16
			EPO; JPO;	
			DERWENT;	
	2.11	(b)	IBM_TDB USPAT;	2003/09/26
-	3412	(transmission with loss) and ((error or	USPAT; US-PGPUB;	11:16
1		fault) with detect\$3)	EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	_	((transmission with loss) and ((error or	USPAT;	2003/09/26
		fault) with detect\$3)) and (398/\$7.ccls)	US-PGPUB;	11:16
			EPO; JPO;	
1			DERWENT;	
			IBM TDB	
_	2441	((transmission with loss) and ((error or	USPAT;	2003/09/26
		fault) with detect\$3)) and (fiber\$1 or	US-PGPUB;	11:17
		path\$1)	EPO; JPO;	
		_	DERWENT;	
		•	IBM_TDB	
-	1106		USPAT;	2003/09/26
		fault) with detect\$3)) and (fiber\$1 or	US-PGPUB;	11:17
		path\$1)) and clock	EPO; JPO;	
			DERWENT;	· .
			IBM_TDB	2002/02/25
-	879		USPAT;	2003/09/26
		or fault) with detect\$3)) and (fiber\$1 or	US-PGPUB;	11:17
		path\$1)) and clock) and (serial\$3 or	EPO; JPO;	
	1	parallel)	DERWENT;	
1	L		IBM_TDB	<u> </u>

				10000/00/06
-	451	(((((transmission with loss) and ((error	USPAT;	2003/09/26
		or fault) with detect\$3)) and (fiber\$1 or	US-PGPUB;	11:24
		path\$1)) and clock) and (serial\$3 or	EPO; JPO;	
		parallel)) and optical	DERWENT;	
	0	20010021051.URPN.	IBM_TDB USPAT	2003/09/26
-	"	20010021051.0RPN.	USPAI	11:20
_	68	(398/162).CCLS.	USPAT;	2003/09/26
ļ - .	00	(390/102).0013.	US-PGPUB;	11:24
			EPO; JPO;	11.24
			DERWENT;	
		·	IBM TDB	
_	4	("4358858" "5075792" "5517608"	USPAT	2003/09/26
		"5528409").PN.	002111	11:32
l <u>-</u>	106017		USPAT;	2003/12/03
		(, (p (,	US-PGPUB;	12:05
			EPO; JPO;	
			DERWENT;	
	ļ		IBM TDB	,
i -	144686	parallel and serial	USPĀT;	2003/12/03
		· .	US-PGPUB;	12:05
		· ·	EPO; JPO;	
			DERWENT;	
	1		IBM_TDB	
-	469955	clock	USPĀT;	2003/12/03
			US-PGPUB;	12:05
1	1		EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	1756472	error or correct or compensat\$3	USPAT;	2003/12/03
		•	US-PGPUB;	12:06
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	475264	driver\$1	USPAT;	2003/12/03
			US-PGPUB;	14:03
	:		EPO; JPO;	
			DERWENT;	
	3247	(/UDITU) on (whose with (looke) on	IBM_TDB USPAT;	2003/12/03
-	3247	(("PLL") or (phase with (lock\$2 or loop))) and (parallel and serial) and	US-PGPUB;	14:04
		clock and (error or correct or	EPO; JPO;	11.04
		compensat\$3) and driver\$1	DERWENT;	
		Compensacys) and dilvery:	IBM TDB	
	1273282	(transmit\$4) and (receiv\$3 or diode\$1 or	USPAT;	2003/12/03
	12/3202	photodetector\$1 or detect\$3)	US-PGPUB;	12:07
		photogeology of deceebys,	EPO; JPO;	
1			DERWENT;	
]		IBM TDB	
1 -	2776	((("PLL") or (phase with (lock\$2 or	USPAT;	2003/12/03
		loop))) and (parallel and serial) and	US-PGPUB;	14:04
		clock and (error or correct or	EPO; JPO;	
		compensat\$3) and driver\$1) and	DERWENT;	
		((transmit\$4) and (receiv\$3 or diode\$1 or	IBM_TDB	
1	1	photodetector\$1 or detect\$3))	_	
-	2364		USPAT;	2003/12/03
,		loop))) and (parallel and serial) and	US-PGPUB;	14:03
		clock and (error or correct or	EPO; JPO;	
		compensat\$3) and driver\$1) and	DERWENT;	
		((transmit\$4) and (receiv\$3 or diode\$1 or	IBM_TDB	
		photodetector\$1 or detect\$3))) and		
	_	synchroniz\$5		
-	35	1 1 1 1 2	USPAT;	2003/12/03
	1	loop))) and (parallel and serial) and	US-PGPUB;	14:03
		clock and (error or correct or	EPO; JPO;	
		compensat\$3) and driver\$1) and	DERWENT;	ļ
1		((transmit\$4) and (receiv\$3 or diode\$1 or	IBM_TDB	
	1	photodetector\$1 or detect\$3))) and		
1		synchroniz\$5) and (398/\$7.ccls.)		L

		·		
-	7	((((("PLL") or (phase with (lock\$2 or loop))) and (parallel and serial) and	USPAT; US-PGPUB; EPO; JPO;	2003/12/03 14:03
	į	<pre>clock and (error or correct or compensat\$3) and driver\$1) and ((transmit\$4) and (receiv\$3 or diode\$1 or</pre>	DERWENT; IBM TDB	
		<pre>photodetector\$1 or detect\$3))) and synchroniz\$5) and (359/\$7.ccls.)</pre>	_	
-	14482	driver\$1 with (optical or photonic)	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/12/03 14:04
_	178	((("PLL") or (phase with (lock\$2 or	IBM_TDB USPAT;	2003/12/03
		<pre>loop))) and (parallel and serial) and clock and (error or correct or compensat\$3) and (driver\$1 with (optical or photonic))) and ((transmit\$4) and</pre>	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	14:05
		<pre>(receiv\$3 or diode\$1 or photodetector\$1 or detect\$3))</pre>		2002/12/22
-	212	(("PLL") or (phase with (lock\$2 or loop))) and (parallel and serial) and clock and (error or correct or compensat\$3) and (driver\$1 with (optical	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/12/03 15:09
_	32	or photonic)) (("5473636") or ("4727592") or ("5018142") or ("4744082") or ("5606317") or ("6628214") or ("5793510") or	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/12/03 15:28
		("5710650") or ("5898512") or ("6433904") or ("6166839") or ("5299044") or ("5541759") or ("5561542") or ("4225752") or ("4473901")).PN.	DERWENT; IBM_TDB	
-	69	398/162.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/12/03 15:11
	4	("4358858" "5075792" "5517608" "5528409").PN.	IBM_TDB USPAT	2003/12/03 15:20
-	1037	(parallel with serial) with (clock) with (transmit\$4 or diode\$1 or photodiode\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/03 15:30
-	603	((parallel with serial) with (clock) with (transmit\$4 or diode\$1 or photodiode\$1)) and (compensat\$3 or correct\$1 or error\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/12/03 15:56
-	39	((398/123,137,147,195,206,208).CCLS.) and (parallel and serial\$4)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/12/03 16:10
-	13	("3995120" "4759018" "5018142" "5420583" "5426527" "5459607" "5544161" "5553064" "5563815" "5610911" "5631757" "5644622"	IBM_TDB USPAT	2003/12/03 16:06
-	655	"5694232").PN. hei .in.	USPAT;	2003/12/03
		·	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	10:13
-	655	hei.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/03

	•	-		
_	34	(("5473636") or ("4727592") or ("5018142") or ("4744082") or ("5606317") or ("6628214") or ("5793510") or ("5710650") or ("5898512") or ("6433904") or ("6166839") or ("5299044") or	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/04 14:22
_	481	("5541759") or ("5561542") or ("4225752") or ("4473901") or ("4290146")).PN. (398/123,137,147,195,206,208).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/12/03 16:39
-	346	((398/123,137,147,195,206,208).CCLS.) and @ad<=19991229	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/12/03 18:14
-	8	(("6292284") or ("5706112") or ("5677779") or ("5506716")).PN.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/12/03 18:17
_	12	(("5018142") or ("4744082") or ("5606317") or ("6628214") or ("4290146") or ("6559892")).PN.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/12/03 18:15
-	10	(("6292284") or ("5706112") or ("5677779") or ("5506716") or ("6559892")).PN.	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/12/03 18:18
_	22	("5898512") or ("6433904") or ("6166839") or ("5299044") or ("5541759") or	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/12/04
_	0	("4225752") or ("5561542") or ("4473901") or ("5473636")).PN. (359/192).CCLS.	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/12/04 10:59
-	0	359/192.ccls.	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/12/04
_	191	359/208.ccls.	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/12/04 13:54
_	2	("6628214").PN.	DERWENT; IBM_TDB USPAT; US-PGPUB;	2003/12/04 13:54
_	5	("4606022" "4694294" "4706245" "5426644" "5818846").PN.	EPO; JPO; DERWENT; IBM_TDB USPAT	2003/12/04 13:55
-	34	(("5473636") or ("4727592") or ("5018142") or ("4744082") or ("5606317") or ("6628214") or ("5793510") or ("5710650") or ("5898512") or ("6433904") or ("6166839") or ("5299044") or ("5541759") or ("5561542") or ("4225752") or ("4473901") or ("4290146")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/04 14:22
L	L	OT (44,0001) OT (45,00140) FM.	1	1

Page 9

_	6	((("5473636") or ("4727592") or ("5018142") or ("4744082") or ("5606317") or ("6628214") or ("5793510") or ("5710650") or ("5898512") or ("6433904")	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/12/04 16:35
		or ("6166839") or ("5299044") or ("5541759") or ("5561542") or ("4225752") or ("4473901") or ("4290146")).PN.) and (latch and serial\$4)	IBM_TDB	
_	83471	compensat\$3 and (optical with optical) and (receiv\$3 or photodetect\$3 or (photo\$1 adj detect\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/04 16:37
	10828	(compensat\$3 and (optical with optical) and (receiv\$3 or photodetect\$3 or (photo\$1 adj detect\$3))) and clock and digit\$4 and analog	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/04 16:38
_	221	(((compensat\$3 and (optical with optical) and (receiv\$3 or photodetect\$3 or (photo\$1 adj detect\$3))) and clock and digit\$4 and analog) and ((398/\$7.ccls.) or (359/\$7.ccls.))) and serial\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/04 16:55
	88224	compensat\$3 and analog and (control)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/04 16:56
_	2085	(compensat\$3 and analog and (control)) and ((398/\$7.ccls.) or (359/\$7.ccls.))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/04 17:35
_	679	372/29\$7.ccls.	USPĀT; US-PGPUB; EPO; JPO; DERWENT;	2003/12/04 17:36
_	0	372/29.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/12/04 17:38
_	1927	(372/25,29.01,29.011,29.014,29.015,29.02,2	US-PGPUB; EPO; JPO; DERWENT;	.200135/.12/04 17:38
_	204	((372/25,29.01,29.011,29.014,29.015,29.02, and clock	US-PGPUB; EPO; JPO; DERWENT;)2@@3.\$1.2/05 09:08
. –	11	("4201907" "4502143" "4856008" "4856011" "4884278" "5060302" "5105077" "5390041" "5418806" "5598290" "6256329").PN.	IBM_TDB USPAT	2003/12/04 17:42
_	2	("6292284").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/12/05 11:05
_	22096	parallel and serial and (invert\$2 or complement\$2) and clock	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/12/05 11:14
1	1	I		

	3543	(parallel and serial and (invert\$2 or	USPAT;	2003/12/05
		complement\$2) and clock) and ("PLL" or	US-PGPUB;	11:06
		(phase with lock\$2 with loop\$1))	EPO; JPO;	
		(L)	DERWENT;	
			IBM TDB	
_	114	((parallel and serial and (invert\$2 or	USPAT;	2003/12/05
		complement\$2) and clock) and ("PLL" or	US-PGPUB;	11:06
		(phase with lock\$2 with loop\$1))) and	EPO; JPO;	
		latch and serializer\$1	DERWENT;	
		Tacon and Scridiffery	IBM TDB	
_	292	((parallel and serial and (invert\$2 or	USPAT;	2003/12/05
_	232	complement\$2) and clock) and ("PLL" or	US-PGPUB;	11:07
		(phase with lock\$2 with loop\$1))) and	EPO; JPO;	11.07
		latch and serializ\$3	DERWENT;	
	1	Tatch and Serializas	IBM TDB	
	5000			2002/12/05
_	5929	parallel and serial and ((invert\$2 or	USPAT;	2003/12/05
	1	complement\$2) with clock)	US-PGPUB;	11:14
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	0000/10/05
-	468	parallel and serializ\$3 and ((invert\$2 or	USPAT;	2003/12/05
		complement\$2) with clock)	US-PGPUB;	11:14
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	7080		USPAT;	2003/12/05
		((invert\$2 or complement\$2) with clock)	US-PGPUB;	11:15
	1		EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	4298	(parallel and (serializ\$3 or serial\$5)	USPAT;	2003/12/05
		and ((invert\$2 or complement\$2) with	US-PGPUB;	11:15
•		clock)) and latch	EPO; JPO;	
		.,	DERWENT;	
			IBM TDB	
_	2984	((parallel and (serializ\$3 or serial\$5)	USPAT;	2003/12/05
		and ((invert\$2 or complement\$2) with	US-PGPUB;	11:16
		clock)) and latch) and transmit\$4	EPO; JPO;	
		or contil more management and a more management.	DERWENT;	
			IBM TDB	
_	7080	parallel and (serializ\$3 or serial\$5) and	USPĀT;	2003/12/05
	7000	((invert\$2 or complement\$2) with clock)	US-PGPUB;	11:15
		and clock\$3	EPO; JPO;	
		and crockys	DERWENT;	1
			IBM TDB	
		//	USPAT;	2003/12/05
-	67		1	11:16
		and ((invert\$2 or complement\$2) with	US-PGPUB;	11:10
		clock)) and latch) and transmit\$4 and	EPO; JPO;	
•		serializer\$1	DERWENT;	
			IBM_TDB	